# THE OHIO STATE ENGINEER



MEMBER OF ENGINEERING
COLLEGE MAGAZINES ASSOCIATED

MARCH
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# 800,000 pounds of STEAM per hour from one unit!

N. Y. Times, Dec. 1928

## NEW YORK EDISON BUYS 3 RECORD-SIZE BOILERS

### Will Drive Largest Single-Unit Generating Machine in World at East 14th St. Plant.

Matthew S. Sloan, president of the New York Edison and associated companies, announced yesterday the closing of a contract with the International Combustion Engineering Company for three boilers that will be the largest ever built. Each will be about as high as an average eight-story building. They are to be installed in the East River generating station of the New York Edison Company at Fourteenth Street and will supply steam to drive the largest single-shaft, single-unit electric generating machine in the world, a 150,000 kilowatt turbo-generator now being built by the General Electric Company.

* * *

The over-all height of the new boilers, which are of the Double Ladd type with fin tube water walls, will be 95 feet, with furnaces 23 feet wide and extending back 65 feet. Each will supply a maximum of 800,000 pounds of steam an hour at a temperature of 700 degrees Fahrenheit, at 425 pounds a square inch pressure. The heighth of the boilers is approximately that of an eight-story building, allowing twelve feet for each floor.

With a heating surface of 60,000 square feet each, the compactness of the battery of boilers will make them not only the greatest producers of steam in the world but also the most economical for the space occupied and the coal consumed. Each of the boilers will require 80,000 pounds of coal an hour, or nearly 1,000 tons daily, if operated continuously at that rate.

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**COMBUSTION ENGINEERING CORPORATION**

International Combustion Building — 200 Madison Ave., New York

*A Subsidiary of*

INTERNATIONAL COMBUSTION ENGINEERING CORPORATION

# COMBUSTION ENGINEERING

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